## **EUROPEAN PATENT OFFICE**

## Patent Abstracts of Japan

PUBLICATION NUMBER

62228607

PUBLICATION DATE

07-10-87

APPLICATION DATE

31-03-86

APPLICATION NUMBER

61071206

APPLICANT: HONDA MOTOR CO LTD;

INVENTOR: HIJIKATA TOSHIHIRO;

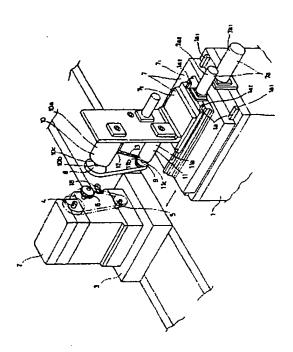
INT.CL.

: F01L 1/02 F01L 1/46

TITLE

: ASSEMBLER FOR TIMING BELT IN

**ENGINE** 



ABSTRACT: PURPOSE: To make assembling work ever so easy, by clamping a belted pulley to the assembling jig side, and assembling the whole pulley to an engine at the time of assembling a timing belt to each pulley of a crankshaft and a camshaft.

> CONSTITUTION: When a crankshaft 5 and a cam shaft 4 are connected together with a timing belt, set members 10 and 11 provided with shafts 10b and 11b in opposition to each shaft are set up in the upper part of a jig 1. A camshaft pulley 8 and a crankshaft pulley 9 are installed in each tip of these shafts 10b and 11b, and a dummy pulley 12 is installed in opposition to an auxiliary pulley 6. A timing belt 13 is being stretched across each pulley in advance, making the jig 1 come nearer to the side of an engine 2, and each end face between the camshaft 4 and the shaft 10b as well as between the crankshaft 5 and the shaft 11b is made contact with each other, each of these pulleys 8 and 9 is fitted in the camshaft 4 and the crankshaft 5, then the belt 13 on the dummy pulley 12 is extruded to the circumference of the auxiliary pulley 6 by an extruding device, thus assembling is over.

COPYRIGHT: (C)1987, JPO& Japio

BEST AVAILABLE COPY